

Title (en)

SYSTEM FOR CONTROLLING A TRANSFER CLUTCH OF A FOUR-WHEEL DRIVE VEHICLE

Publication

**EP 0205248 B1 19900314 (EN)**

Application

**EP 86303227 A 19860429**

Priority

- JP 9297185 A 19850430
- JP 9297285 A 19850430
- JP 9298085 A 19850430

Abstract (en)

[origin: US4705134A] A four-wheel drive vehicle has an main clutch for transmitting the output of an engine to a transmission, main drive wheels operatively connected to an output shaft of the transmission, auxiliary drive wheels, and a transfer clutch for transmitting the output of the transmission to the auxiliary drive wheels. A control system is provided with a detector for detecting whether the main clutch is in partial engagement state or entire engagement state and for producing a clutch condition signal representing a clutch condition. The control system responds to the clutch condition signal for controlling torque capacity of the transfer clutch so as to slip the transfer clutch.

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IPC 8 full level

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CPC (source: EP US)

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US4875698A; EP0365276A1; DE4042089A1; EP0423568A3; EP0683168A1

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